

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET 4
OF 4

FAS RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
1379	(108-B-1) BR	STARK	43	18
STA 51+30.00		TO STA		
		ILLINOIS	IL RTE 91	



Illinois Department of Transportation
Division of Highways

SOIL BORING LOG

Page 1 of 2

Date 9/20/01

ROUTE FAS 1379 (IL 91) DESCRIPTION IL 91 over Jack Creek Proposed double 10'x9' Box Culv. LOGGED BY DPS
SECTION (108 B) BR LOCATION SW1/4,SW1/4,SE1/4ELMIRATWSP, SEC. 30, TWP. 14 N, RNG. 6E, 4th PM
COUNTY Stark DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After 24 Hrs.	(ft)	(ft)	(tsf)	(%)	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After 24 Hrs.	(ft)	(ft)	(tsf)	(%)			
088-0015	51+27.09	1	51+63	34.00ft Lt	724.97					718.61			719.0	719.5	719.7									718.61			719.0	719.5	719.7							
0.0'-2.0' No Sample Taken																																				
Brown SILTY LOAM																																				
Brown SILTY CLAY																																				
Brown SANDY CLAY LOAM																																				
Gray CLAY LOAM TILL																																				
Gray CLAY LOAM TILL (continued)																																				
Gray Medium SAND																																				
Gray SILTY LOAM																																				
Gray Fine SAND																																				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



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Date 9/20/01

ROUTE FAS 1379 (IL 91) DESCRIPTION IL 91 over Jack Creek Proposed double 10'x9' Box Culv. LOGGED BY DPS
SECTION (108 B) BR LOCATION SW1/4,SW1/4,SE1/4ELMIRATWSP, SEC. 30, TWP. 14 N, RNG. 6E, 4th PM
COUNTY Stark DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After 24 Hrs.	(ft)	(ft)	(tsf)	(%)	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After 24 Hrs.	(ft)	(ft)	(tsf)	(%)		
088-0015	51+27.09	1	51+63	34.00ft Lt	724.97					718.61			719.0	719.5	719.7									718.61			719.0	719.5	719.7						
Gray Fine SAND (continued)																																			
End of Boring																																			

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Division of Highways

SOIL BORING LOG

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Date 9/10/01

ROUTE FAS 1379 (IL 91) DESCRIPTION IL 91 over Jack Creek Proposed double 10'x9' Box Culv. LOGGED BY DPS
SECTION (108 B) BR LOCATION SE1/4,SE1/4,SW1/4ELMIRATWSP, SEC. 30, TWP. 14 N, RNG. 6E, 4th PM
COUNTY Stark DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After 24 Hrs.	(ft)	(ft)	(tsf)	(%)	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After 24 Hrs.	(ft)	(ft)	(tsf)	(%)		
088-0015	51+27.09	2	50+88	14.00ft Rt	732.78					718.61			705.8	None	719.1									718.61			705.8	None	719.1						
0.0'-2.0' No Sample Taken																																			
Brown SILTY CLAY w/Gravel																																			
Dark Gray SILTY CLAY																																			
Dark Gray SILTY CLAY LOAM																																			
Dark Gray SILTY CLAY LOAM																																			
BrownGray SANDY CLAY LOAM																																			
Gray CLAY LOAM TILL																																			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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DESIGNED	JLG
CHECKED	JSP
DRAWN	BAD
CHECKED	JSP

BORING LOGS
FAS 1379 (IL RTE 91) OVER
JACK CREEK
SECTION (108B)BR
STARK COUNTY STA 51+30.00
SN 088-2004